

Joe Featherall and Mark Frisicano

P09026

9-29-2008

Mechanical Design Contract

The mechanical systems of the Hemodynamic Simulator, P09026, will supply in both design and construction as follows:

1. The system will adhere to the constraints supplied in the Engineering Specifications document, ES01, as posted on project website.
2. The system will function and consist of element portrayed in Mechanical Design Sketch Revision 3, MS03.
3. The system will replicate the pressure and flow curves shown in the Left Ventricle Pressure Waveforms document, PW01.

In addition to these requirements, the heart chamber will be elevated to facilitate the use of ultrasound transducers for further experimentation. The overall system will also be aesthetically pleasing as benchmarked by the previous revision of the design. Any further augmentation of design, addition or subtraction of requirements must be mutually approved by customer and all team members noted below. These precautions have been stated to ensure optimum design, on time delivery, and maximum fulfillment of customer needs within time constraints.

By signing below the individual agrees fully to the aforementioned contract:

1. Customers:

Dr. Karl Schwartz

Dr. Dan Phillips

2. Mechanical Design Team

Alex Baxter

Mark Frisicano

Joseph Featherall

Jonathan "Mogli" Peyton

